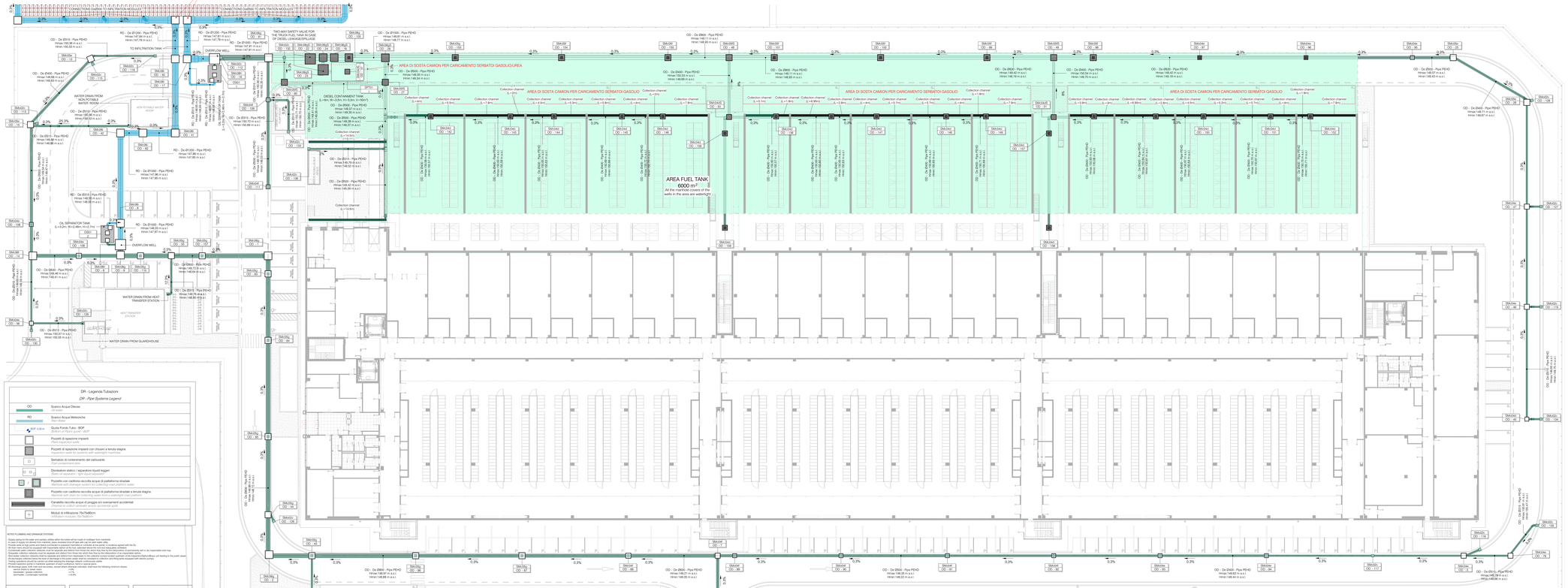


DR - Legenda Tubazioni

DR - Pipe Systems Legend

OD	Scarico Acque Oleose Oil waste
RD	Scarico Acque Meteoriche Rain water
BOP 0.20 m	Quota Fondo Tubo - BOP Bottom of the pipe - BOP
	Pozzetti di ispezione impianti Plant inspection wells
	Pozzetti di ispezione impianti con chiusini a tenuta stagna Inspection wells for systems with watertight manhole
	Settazioni di contenimento del carburante Fuel containment tank
	Dissiodatore statico / separatore liquidi leggeri Static oil separator / light liquid separator
	Pozzetto con cadditoia raccolta acque di piattaforma stradale Manhole with drainage system for collecting road platform water
	Pozzetto con cadditoia raccolta acque di piattaforma stradale a tenuta stagna Manhole with drainage system for collecting road platform water and watertight manhole cover
	Canaletta raccolta acque di pioggia sui sversamenti accidentali Channel for collect rainwater and accidental spills
	Moduli di infiltrazione 75x75x80cm Infiltration modules 75x75x80cm

NOTES PLUMBING AND DRAINAGE SYSTEMS

Supply piping for the water and sanitary utilities within the boiler will be made of multilayer from manifolds.
Provide shut-off valves for each group of sanitary equipment and for each individual equipment.
Provide vents at high points and drains (connection to prepared manholes or conduits) at low points, if necessary (spaced with the DL.
Provide expansion joints and compensators in accordance with the manufacturer's specifications, if necessary, based on the pipe layout.
Condensate water collection networks must be separate and distinct from those into which flow the fire hydrants or potentially oily or dirty rainwater.
Grease trap collection networks must be separate and distinct from those into which flow the fire hydrants or the rainwater or potable water.
Connections between different materials must be made using suitable transition fittings, such as threaded or flanged connections, or dielectric fittings (dielectric unit bearing for the public water).
Provide expansion joints or compensators in accordance with the manufacturer's specifications and lining them (equipped with electric jumpers).
Provide expansion joints in manifolds upstream of each confluence, bend or special piece.
Underground drainage pipes must be installed in trenches with a minimum width and have the following minimum slopes:
- sewers above to sewer main: 2%;
- sewers above to manhole: 1%;
- stormwater / condensate manholes: 0.5%.

TYPICAL DRAINAGE CONNECTION WITH SIMPLIFIED MANAGEMENT SQUEEZING

TYPICAL DRAINAGE PIPING CONNECTION DETACHMENT TO WAREHOUSES

TYPICAL DRAINAGE PROPERTIES STRAIGHT CONNECTION WITH DISCHARGE BETWEEN

GENERAL NOTES

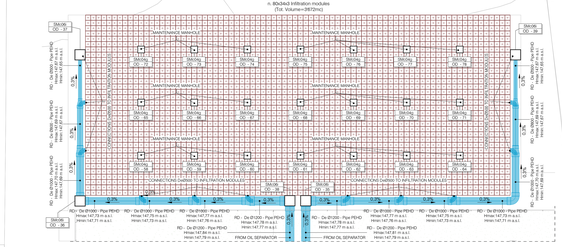
Drawing valid only for mechanical installations under contract.
- Drawing not to scale, dimensions and measurements must be checked on site by the contractor, who shall promptly report any interference with existing;
- the unidentified equipment shall be maintained, if necessary, it shall be modified and restored by the contractor;
- Fixed locations of equipment, materials, piping, ducts, connection to existing facilities shall be determined by the contractor and submitted to the construction manager;
- Final piping according to the manufacturer of the equipment and materials actually installed;
- All equipment must be easily maintainable and accessible as regulations or similar solutions even where not specifically specified;
- The installation of elements in the field must comply with all manufacturers' prescriptions and recommendations, good engineering rules or accuracy and the prevention of workplace accidents;
- All planned and described interventions, evaluated on the basis of the available documentation, should be re-evaluated and dampened during the works, after joint verification following appropriate surveys of the existing situation;
- Connections between two or more sections of duct built with rigid ducts and with ducts themselves, shall be made only with installation fittings and not with hammered derivations or detachments. The Contractor shall be responsible for making construction drawings showing the type of derivations and connections between ducts and ducts with the indoor units provided;

NOTE GENERALI

- Il disegno è valido esclusivamente per le installazioni meccaniche oggetto del contratto;
- Disegno non in scala, le dimensioni e misure devono essere controllate in loco dal contraente, che deve segnalare tempestivamente eventuali discrepanze;
- l'ubicazione delle apparecchiature non individuate dovrà essere mantenuta, se necessario, dovrà essere modificata e ripristinata a cura dell'appaltatore;
- Le reali ubicazioni delle attrezzature, dei materiali, delle tubazioni, delle canalizzazioni e dei collegamenti agli impianti esistenti dovranno essere definite dall'appaltatore in fase di realizzazione dei lavori;
- Il dimensionamento finale dovrà essere conforme alle specifiche del produttore delle attrezzature e dei materiali effettivamente installati;
- Tutte le attrezzature devono essere facilmente manutenibili e accessibili tramite bobine o soluzioni similari anche non specificatamente indicate;
- Le installazioni dell'appaltatore dimensionano e asseverano tutti i supporti, seraggio e legato (fatte a rete rigidità di tutti i legati normalmente in materia di antisismica);
- I disegni esecutivi di dettaglio necessari per la corretta realizzazione delle opere devono essere redatti e predisposti dall'appaltatore;
- Le tubazioni di scarico delle condense dei gruppi frigoriferi, dei condizionatori e delle macchine ventilanti devono essere dotate di buone norme di ingegneria in materia di acustica e prevenzione incendi;
- Le tubazioni di scarico delle condense dovranno avere una pendenza dell'ordine del 1% (minimo 0,5%) e dovranno essere protette dal rischio di gelo;
- Le tubazioni di scarico delle condense dovranno essere dotate di sifoni antiodori (modelli a diaframma) rispettivi a qualsiasi norma o legge;
- I collegamenti tra due o più reti di canale, ove non si abbia intenzione di realizzare delle derivazioni e/o distacchi, dovranno essere realizzati esclusivamente con pezzi speciali di volta in volta con derivazioni o distacchi ottenuti a mantello. L'appaltatore dovrà predisporre i disegni costruttivi che mostrino il tipo di derivazione e collegamento tra i canali e i canali con le unità interne previste;

GENERAL NOTES

- Drawing valid only for mechanical installations under contract;
- Drawing not to scale, dimensions and measurements must be checked on site by the contractor, who shall promptly report any interference with existing;
- the unidentified equipment shall be maintained, if necessary, it shall be modified and restored by the contractor;
- Fixed locations of equipment, materials, piping, ducts, connection to existing facilities shall be determined by the contractor and submitted to the construction manager;
- Final piping according to the manufacturer of the equipment and materials actually installed;
- All equipment must be easily maintainable and accessible as regulations or similar solutions even where not specifically specified;
- The installations of the contractor dimension and assevere all supports, seraggio and legato (made to the network rigidity of all legations normally in accordance with antiseismic regulations);
- The installation of elements in the field must comply with all manufacturers' prescriptions and recommendations, good engineering rules or accuracy and the prevention of workplace accidents;
- All planned and described interventions, evaluated on the basis of the available documentation, should be re-evaluated and dampened during the works, after joint verification following appropriate surveys of the existing situation;
- Connections between two or more sections of duct built with rigid ducts and with ducts themselves, shall be made only with installation fittings and not with hammered derivations or detachments. The Contractor shall be responsible for making construction drawings showing the type of derivations and connections between ducts and ducts with the indoor units provided;



Vasca di infiltrazione / Infiltration tank Copy 1
1 : 200

OD_Manhole list					
ID	Keynote_Mirror	Dimension	ID	Keynote_Mirror	Dimension
1	SM-00g	1100x1100x2000 mm	28	SM-00t	1500x1500x4000 mm
2	SM-00g	1500x1500x4000 mm	29	SM-00t	1500x1500x4000 mm
3	SM-00g	1200x1200x2000 mm	30	SM-00t	1500x1500x4000 mm
4	SM-00g	1200x1200x2750 mm	31	SM-00t	1500x1500x4000 mm
5	SM-00g	1200x1200x2750 mm	32	SM-00t	1500x1500x4000 mm
6	SM-00g	1200x1200x2750 mm	33	SM-00t	1500x1500x4000 mm
7	SM-00f	1000x1000x2500 mm	34	SM-00u	1000x1000x2500 mm
8	SM-00f	1000x1000x2500 mm	35	SM-00u	1000x1000x2500 mm
9	SM-00f	1000x1000x2500 mm	36	SM-00u	1000x1000x2500 mm
10	SM-00f	1000x1000x2500 mm	37	SM-00u	1000x1000x2500 mm
11	SM-00f	1000x1000x2500 mm	38	SM-00u	1000x1000x2500 mm
12	SM-00f	800x800x2500 mm	39	SM-00u	1000x1000x2500 mm
13	SM-00f	800x800x2500 mm	40	SM-00u	1000x1000x2500 mm
14	SM-00f	1000x1000x2500 mm	41	SM-00u	1000x1000x2500 mm
15	SM-00f	1000x1000x2500 mm	42	SM-00u	1000x1000x2500 mm
16	SM-00f	1000x1000x2500 mm	43	SM-00u	1000x1000x2500 mm
17	SM-00g	1100x1100x2000 mm	44	SM-00u	1000x1000x2500 mm
18	SM-00g	1100x1100x2000 mm	45	SM-00u	1000x1000x2500 mm
19	SM-00g	1200x1200x2000 mm	46	SM-00u	1000x1000x2500 mm
20	SM-00g	1200x1200x2000 mm	47	SM-00u	1000x1000x2500 mm
21	SM-00g	1200x1200x2000 mm	48	SM-00u	1000x1000x2500 mm
22	SM-00g	2000x2000x3000 mm	49	SM-00u	1000x1000x2500 mm
23	SM-00g	2000x2000x3000 mm	50	SM-00u	1000x1000x2500 mm
24	SM-00g	1500x1500x3000 mm	51	SM-00u	1000x1000x2500 mm
25	SM-00g	1500x1500x3000 mm	52	SM-00u	1000x1000x3000 mm
26	SM-00g	1500x1500x3000 mm	53	SM-00u	1000x1000x3000 mm
27	SM-00t	1200x1200x2500 mm	54	SM-00u	1000x1000x3000 mm
28	SM-00g	1200x1200x2500 mm	55	SM-00u	1000x1000x3000 mm
29	SM-00t	1200x1200x2500 mm	56	SM-00u	1000x1000x3000 mm
30	SM-00t	1200x1200x2500 mm	57	SM-00u	1000x1000x3000 mm
31	SM-00t	1200x1200x2500 mm	58	SM-00u	1000x1000x3000 mm
32	SM-00t	1200x1200x2500 mm	59	SM-00u	1000x1000x3000 mm
33	SM-00t	1200x1200x2500 mm	60	SM-00u	1000x1000x3000 mm
34	SM-00t	1200x1200x2500 mm	61	SM-00u	1000x1000x3000 mm
35	SM-00t	1200x1200x2500 mm	62	SM-00u	1000x1000x3000 mm
36	SM-00t	1200x1200x2500 mm	63	SM-00u	1000x1000x3000 mm
37	SM-00t	1200x1200x2500 mm	64	SM-00u	1000x1000x3000 mm
38	SM-00t	1200x1200x2500 mm	65	SM-00u	1000x1000x3000 mm

OD_Manhole list					
ID	Keynote_Mirror	Dimension	ID	Keynote_Mirror	Dimension
66	SM-00u	1000x1000x3000 mm	117	SM-00ag	1000x1000x2500 mm
67	SM-00u	1000x1000x3000 mm	118	SM-00ag	1000x1000x2500 mm
68	SM-00u	1000x1000x3000 mm	119	SM-00ag	1000x1000x2500 mm
69	SM-00u	1000x1000x3000 mm	120	SM-00ag	1000x1000x2500 mm
70	SM-00u	1000x1000x3000 mm	121	SM-00ah	500x500x1000 mm
71	SM-00u	1000x1000x3000 mm	122	SM-00ah	500x500x1000 mm
72	SM-00u	1000x1000x3000 mm	123	SM-00ah	500x500x1000 mm
73	SM-00u	1000x1000x3000 mm	124	SM-00ah	500x500x1000 mm
74	SM-00u	1000x1000x3000 mm	125	SM-00ah	500x500x1000 mm
75	SM-00u	1000x1000x3000 mm	126	SM-00ah	500x500x1000 mm
76	SM-00u	1000x1000x3000 mm	127	SM-00ah	500x500x1000 mm
77	SM-00ag	1000x1000x2500 mm	128	SM-00ah	500x500x1000 mm
78	SM-00ag	1000x1000x2500 mm	129	SM-00ah	500x500x1000 mm
79	SM-00ag	1000x1000x2500 mm	130	SM-00ah	500x500x1000 mm
80	SM-00ag	1000x1000x2500 mm	131	SM-00ah	500x500x1000 mm
81	SM-00ag	1000x1000x2500 mm	132	SM-00ah	500x500x1000 mm
82	SM-00ag	1000x1000x2500 mm	133	SM-00ah	500x500x1000 mm
83	SM-00ag	1000x1000x2500 mm	134	SM-00ah	500x500x1000 mm
84	SM-00ag	1000x1000x2500 mm	135	SM-00ah	500x500x1000 mm
85	SM-00ag	1000x1000x2500 mm	136	SM-00ah	500x500x1000 mm
86	SM-00ag	1000x1000x2500 mm	137	SM-00ah	500x500x1000 mm
87	SM-00ag	1000x1000x2500 mm	138	SM-00ah	500x500x1000 mm
88	SM-00ag	1000x1000x2500 mm	139	SM-00ah	500x500x1000 mm
89	SM-00ag	1000x1000x2500 mm	140	SM-00ad	1000x1000x1500 mm
90	SM-00af	800x800x2500 mm	141	SM-00ad	1000x1000x1500 mm
91	SM-00af	800x800x2500 mm	142	SM-00ad	1000x1000x1500 mm
92	SM-00af	800x800x2500 mm	143	SM-00ad	1000x1000x1500 mm
93	SM-00af	800x800x2500 mm	144	SM-00ad	1000x1000x1500 mm
94	SM-00af	800x800x2500 mm	145	SM-00ad	1000x1000x1500 mm
95	SM-00af	800x800x2500 mm	146	SM-00ad	1000x1000x1500 mm
96	SM-00af	800x800x2500 mm	147	SM-00ad	1000x1000x1500 mm
97	SM-00af	800x800x2500 mm	148	SM-00ad	1000x1000x1500 mm
98	SM-00af	800x800x2500 mm	149	SM-00ad	1000x1000x1500 mm
99	SM-00af	800x800x2500 mm	150	SM-00ad	1000x1000x1500 mm
100	SM-00f	1000x1000x2500	151	SM-00ad	1000x1000x1500 mm
101	SM-00g	1000x1000x2500 mm	152	SM-00ad	1000x1000x1500 mm
102	SM-00g	1000x1000x2500 mm	153	SM-00ad	1000x1000x1500 mm
103	SM-00g	800x800x2500 mm	154	SM-00ad	1000x1000x1500 mm
104	SM-00g	1000x1000x2500 mm	155	SM-00ad	1000x1000x1500 mm
105	SM-00g	1000x1000x2500 mm	156	SM-00ad	1000x1000x1500 mm
106	SM-00g	800x800x2500 mm	157	SM-00ad	1000x1000x1500 mm
107	SM-00g	1000x1000x2500mm	158	SM-00ad	1000x1000x1500 mm
108	SM-00g	1000x1000x2500 mm	159	SM-00ad	1000x1000x1500 mm
109	SM-00g	1000x1000x2500 mm	160	SM-00ad	1000x1000x1500 mm
110	SM-00g	1000x1000x2500 mm	161	SM-00ad	1000x1000x1500 mm
111	SM-00g	800x800x2500 mm	162	SM-00ad	1000x1000x1500 mm
112	SM-00g	500x500x1000 mm	163	SM-00ad	1000x1000x1500 mm
113	SM-00g	500x500x1000 mm	164	SM-00ad	1000x1000x1500 mm
114	SM-00g	500x500x1000 mm	165	SM-00ad	1000x1000x1500 mm
115	SM-00g	500x500x1000 mm	166	SM-00ad	1000x1000x1500 mm
116	SM-00g	500x500x1000 mm	167	SM-00ad	1000x1000x1500 mm

OD_Manhole list					
ID	Keynote_Mirror	Dimension	ID	Keynote_Mirror	Dimension
168	SM-00ad	1000x1000x1500 mm	219	SM-00ch	500x500x1000 mm
169	SM-00ad	1000x1000x1500 mm	220	SM-00ch	500x500x1000 mm
170	SM-00ad	1000x1000x1500 mm	221	SM-00ch	500x500x1000 mm
171	SM-00ad	1000x1000x1500 mm	222	SM-00ch	500x500x1000 mm
172	SM-00ad	1000x1000x1500 mm	223	SM-00ch	500x500x1000 mm
173	SM-00ad	1000x1000x1500 mm	224	SM-00ch	500x500x1000 mm
174	SM-00ad	1000x1000x1500 mm	225	SM-00ch	500x500x1000 mm
175	SM-00ad	1000x1000x1500 mm	226	SM-00ch	500x500x1000 mm
176	SM-00ad	1000x1000x1500 mm	227	SM-00ch	500x500x1000 mm
177	SM-00ad	1000x1000x1500 mm	228	SM-00ch	500x500x1000 mm
178	SM-00ad	1000x1000x1500 mm	229	SM-00ch	500x500x1000 mm
179	SM-00ad	1000x1000x1500 mm	230	SM-00ch	500x500x1000 mm
180	SM-00ad	1000x1000x1500 mm	231	SM-00ch	500x500x1000 mm
181	SM-00ad	1000x1000x1500 mm	232	SM-00ch	500x500x1000 mm
182	SM-00ad	1000x1000x1500 mm	233	SM-00ch	500x500x1000 mm
183	SM-00ad	1000x1000x1500 mm	234	SM-00ch	500x500x1000 mm
184	SM-00ad	1000x1000x1500 mm	235	SM-00ch	500x500x1000 mm
185	SM-00ad	1000x1000x1500 mm	236	SM-00ch	500x500x1000 mm
186	SM-00ad	1000x1000x1500 mm	237	SM-00ch	500x500x1000 mm
187	SM-00ad	1000x1000x1500 mm	238	SM-00ch	500x500x1000 mm
188	SM-00ad	1000x1000x1500 mm	239	SM-00ch	500x500x1000 mm
189	SM-00ad	1000x1000x1500 mm	240	SM-00ch	500x500x1000 mm
190	SM-00ad	1000x1000x1500 mm	241	SM-00ch	500x500x1000 mm
191	SM-00ad	1000x1000x1500 mm	242	SM-00ch	500x500x1000 mm
192	SM-00ad	1000x1000x1500 mm	243	SM-00ch	500x500x1000 mm
193	SM-00ad	1000x1000x1500 mm	244	SM-00ch	500x500x1000 mm
194	SM-00ad	1000x1000x1500 mm	245	SM-00ch	500x500x1000 mm
195	SM-00ad	1000x1000x1500 mm	246	SM-00ch	500x500x1000 mm
196	SM-00ad	1000x1000x1500 mm	247	SM-00ch	500x500x1000 mm
197	SM-00ad	1000x1000x1500 mm	248	SM-00ch	500x500x1000 mm
198	SM-00ad	1000x1000x1500 mm	249	SM-00ch	500x500x1000 mm
199	SM-00ad	1000x1000x1500 mm	250	SM-00ch	500x500x1000 mm
200	SM-00ch	500x500x1000 mm	251	SM-00ch	500x500x1000 mm
201	SM-00ch	500x500x1000 mm	252	SM-00ch	500x500x1000 mm
202	SM-00ch	500x500x1000 mm	253	SM-00ch	500x500x1000 mm
203	SM-00ch	500x500x1000 mm	254	SM-00ch	500x500x1000 mm
204	SM-00ch	500x500x1000 mm	255	SM-00ch	500x500x1000 mm
205	SM-00ch	500x500x1000 mm	256	SM-00ch	500x500x1000 mm
206	SM-00ch	500x500x1000 mm	257	SM-00ch	500x500x1000 mm
207	SM-00ch	500x500x1000 mm	258	SM-00ch	500x500x1000 mm
208	SM-00ch	500x500x1000 mm	259	SM-00ch	500x500x1000 mm
209	SM-00ch	500x500x1000 mm	260	SM-00ch	500x500x1000 mm
210	SM-00ch	500x500x1000 mm	261	SM-00ch	500x500x1000 mm
211	SM-00ch	500x500x1000 mm	262	SM-00ch	500x500x1000 mm
212	SM-00ch	500x500x1000 mm	263	SM-00ch	500x500x1000 mm
213	SM-00ch	500x500x1000 mm	264	SM-00ch	500x500x1000 mm
214	SM-00ch	500x500x1000 mm	265	SM-00ch	500x500x1000 mm
215	SM-00ch	500x500x1000 mm	266	SM-00ch	500x500x1000 mm
216	SM-00ch	500x500x1000 mm	267	SM-00ch	500x500x1000 mm
217	SM-00ch	500x500x1000 mm	268	SM-00ch	500x500x1000 mm
218	SM-00ch	500x500x1000 mm	269	SM-00ch	500x500x1000 mm

OD_Manhole list					
ID	Keynote_Mirror	Dimension	ID	Keynote_Mirror	Dimension
270	SM-00ch	500x500x1000 mm	321	SM-00ch	500x500x1000 mm
271	SM-00ch	500x500x1000 mm	322	SM-00ch	500x500x1000 mm
272	SM-00ch	500x500x1000 mm	323	SM-00ch	500x500x1000 mm
273	SM-00ch	500x500x1000 mm	324	SM-00ch	500x500x1000 mm
274	SM-00ch	500x500x1000 mm	325	SM-00ch	500x500x1000 mm
275	SM-00ch	500x500x1000 mm	326	SM-00ch	500x500x1000 mm
276	SM-00ch	500x500x1000 mm	327	SM-00ch	500x500x1000 mm
277	SM-00ch	500x500x1000 mm	328	SM-00ch	500x500x1000 mm
278	SM-00ch	500x500x1000 mm	329	SM-00ch	500x500x1000 mm
279	SM-00ch	500x500x1000 mm	330	SM-00ch	500x500x1000 mm
280	SM-00ch	500x500x1000 mm	331	SM-00ch	500x500x1000 mm
281	SM-00ch	500x500x1000 mm	332	SM-00ch	500x500x1000 mm
282	SM-00ch	500x500x1000 mm	333	SM-00ch	500x500x1000 mm
283	SM-00ch	500x500x1000 mm	334	SM-00ch	500x500x1000 mm
284	SM-00ch	500x500x1000 mm	335	SM-00ch	500x500x1000 mm
285	SM-00ch	500x500x1000 mm	336	SM-00ch	500x500x1000 mm
286	SM-00ch	500x500x1000 mm	337	SM-00ch	500x500x1000 mm
287	SM-00ch	500x500x1000 mm	338	SM-00ch	500x500x1000 mm
288	SM-00ch	500x500x1000 mm	339	SM-00ch	500x500x1000 mm
289	SM-00ch	500x500x1000 mm	340	SM-00ch	500x500x1000 mm
290	SM-00ch	500x500x1000 mm	341	SM-00ch	500x500x1000 mm
291	SM-00ch	500x500x1000 mm	342	SM-00ch	500x500x1000 mm
292	SM-00ch	500x500x1000 mm	343	SM-00ch	500x500x1000 mm
293	SM-00ch	500x500x1000 mm	344	SM-00ch	500x500x1000 mm
294	SM-00ch	500x500x1000 mm	345	SM-00ch	500x500x1000 mm
295	SM-00ch	500x500x1000 mm	346	SM-00ch	500x500x1000 mm
296	SM-00ch	500x500x1000 mm	347	SM-00ch	500x500x1000 mm
297	SM-00ch	500x500x1000 mm	348	SM-00ch	500x500x1000 mm
298	SM-00ch	500x500x1000 mm	349	SM-00ch	500x500x1000 mm
299	SM-00ch	500x500x1000 mm	350	SM-00ch	500x500x1000 mm
300	SM-00ch	500x500x1000 mm	351	SM-00ch	500x500x1000 mm
301	SM-00ch	500x500x1000 mm	352	SM-00ch	500x500x1000 mm
302	SM-00ch	500x500x1000 mm	353	SM-00ch	500x500x1000 mm
303	SM-00ch	500x500x1000 mm	354	SM-00ch	500x500x1000 mm
304	SM-00ch	500x500x1000 mm	355	SM-00ch	500x500x1000 mm
305	SM-00ch	500x500x1000 mm	356	SM-00ch	500x500x1000 mm
306	SM-00ch	500x500x1000 mm	357	SM-00ch	500x500x1000 mm
307	SM-00ch	500x500x1000 mm	358	SM-00ch	500x500x1000 mm
308	SM-00ch	500x500x1000 mm	359	SM-00ch	500x500x1000 mm
309	SM-00ch	500x500x1000 mm	360	SM-00ch	500x500x1000 mm
310	SM-00ch	500x500x1000 mm	361	SM-00ch	500x500x1000 mm
311	SM-00ch	500x500x1000 mm	362	SM-00ch	500x500x1000 mm
312	SM-00ch	500x500x1000 mm	363	SM-00ch	500x500x1000 mm
313	SM-00ch	500x500x1000 mm	364	SM-00ch	500x500x1000 mm
314	SM-00ch	500x500x1000 mm	365	SM-00ch	500x500x1000 mm
315	SM-00ch	500x500x1000 mm	366	SM-00ch	500x500x1000 mm
316	SM-00ch	500x500x1000 mm	367	SM-00ch	500x500x1000 mm
317	SM-00ch	500x500x1000 mm	368	SM-00ch	500x500x1000 mm
318	SM-00ch	500x500x1000 mm	369	SM-00ch	500x500x1000 mm
319	SM-00ch	500x500x1000 mm	370	SM-00ch	500x500x1000 mm
320	SM-00ch	500x500x1000 mm	371	SM-00ch	500x500x1000 mm

OD_Manhole list					
ID	Keynote_Mirror	Dimension	ID	Keynote_Mirror	Dimension
372	SM-00ch	500x500x1000 mm	423	SM-00ch	500x500x1000 mm
373	SM-00ch	500x500x1000 mm	424	SM-00ch	500x500x1000 mm
374	SM-00ch	500x500x1000 mm	425	SM-00ch	500x500x1000 mm
375	SM-00ch	500x500x1000 mm	426	SM-00ch	500x500x1000 mm
376	SM-00ch	500x500x1000 mm	427	SM-00ch	500x500x1000 mm
377	SM-00ch	500x500x1000 mm	428	SM-00ch	500x500x1000 mm
378	SM-00ch	500x500x1000 mm	429	SM-00ch	500x500x1000 mm
379	SM-00ch	500x500x1000 mm	430	SM-00ch	500x500x1000 mm
380	SM-00ch	500x500x1000 mm	431	SM-00ch	500x500x1000 mm
381	SM-00ch	500x500x1000 mm	432	SM-00ch	500x500x1000 mm
382	SM-00ch	500x500x1000 mm	433	SM-00ch	500x500x1000 mm
383	SM-00ch	500x500x1000 mm	434	SM-00ch	500x500x1000 mm
384	SM-00ch	500x500x1000 mm	435	SM-00ch	500x500x1000 mm
385	SM-00ch	500x500x1000 mm	436	SM-00ch	500x500x1000 mm
386	SM-00ch	500x500x1000 mm	437	SM-00ch	500x500x1000 mm
387	SM-00ch	500x500x1000 mm	438	SM-00ch	500x500x1000 mm
388	SM-00ch	500x500x1000 mm	439	SM-00ch	500x500x1000 mm
389	SM-00ch	500x500x1000 mm	440	SM-00ch	500x500x1000 mm
390	SM-00ch	500x500x1000 mm	441	SM-00ch	500x500x1000 mm
391	SM-00ch	500x500x1000 mm	442	SM-00ch	500x500x1000 mm
392	SM-00ch	500x500x1000 mm	443	SM-00ch	500x500x1000 mm
393	SM-00ch	500x500x1000 mm	444	SM-00ch	500x500x1000 mm
394	SM-00ch	500x500x1000 mm	445	SM-00ch	500x500x1000 mm
395	SM-00ch	500x500x1000 mm	446	SM-00ch	500x500x1000 mm
396	SM-00ch	500x500x1000 mm	447	SM-00ch	500x500x1000 mm
397	SM-00ch	500x500x1000 mm	448	SM-00ch	500x500x1000 mm
398	SM-00ch	500x500x1000 mm	449	SM-00ch	500x500x1000 mm
399	SM-00ch	500x500x1000 mm	450	SM-00ch	500x500x1000 mm
400	SM-00ch	500x500x1000 mm	451	SM-00ch	500x500x1000 mm
401	SM-00ch	500x500x1000 mm	452	SM-00ch	500x500x1000 mm
402	SM-00ch	500x500x1000 mm	453	SM-00ch	500x500x1000 mm
403	SM-00ch	500x500x1000 mm	454	SM-00ch	500x500x1000 mm
404	SM-00ch	500x500x1000 mm	455	SM-00ch	500x500x1000 mm
405	SM-00ch	500x500x1000 mm	456	SM-00ch	500x500x1000 mm
406	SM-00ch	500x500x1000 mm	457	SM-00ch	500x500x1000 mm
407	SM-00ch	500x500x1000 mm	458	SM-00ch	500x500x1000 mm
408	SM-00ch	500x500x1000 mm	459	SM-00ch	500x500x1000 mm
409	SM-00ch	500x500x1000 mm	460	SM-00ch	500x500x1000 mm
410	SM-00ch	500x500x1000 mm	461	SM-00ch	500x500x1000 mm
411	SM-00ch	500x500x1000 mm	462	SM-00ch	500x500x1000 mm
412	SM-00ch	500x500x1000 mm	463	SM-00ch	500x500x1000 mm
413	SM-00ch	500x500x1000 mm	464	SM-00ch	500x500x1000 mm
414	SM-00ch	500x500x1000 mm	465	SM-00ch	500x500x1000 mm
415	SM-00ch	500x500x1000 mm	466	SM-00ch	500x500x1000 mm
416	SM-00ch	500x500x1000 mm	467	SM-00ch	500x500x1000 mm
417	SM-00ch	500x500x1000 mm	468	SM-00ch	500x500x1000 mm
418	SM-00ch	500x500x1000 mm	469	SM-00ch	500x500x1000 mm
419	SM-00ch	500x500x1000 mm	470	SM-00ch	500x500x1000 mm
420	SM-00ch	500x500x1000 mm	471	SM-00ch	500x500x1000 mm
421	SM-00ch	500x500x1000 mm	472	SM-00ch	500x500x1000 mm
422	SM-00ch	500x500x1000 mm	473	SM-00ch	500x500x1000 mm

OD_Manhole list					
ID	Keynote_Mirror	Dimension	ID	Keynote_Mirror	Dimension
474	SM-00ch	500x500x1000 mm	525	SM-00ch	500x500x1000 mm
475	SM-00ch	500x500x1000 mm	526	SM-00ch	500x500x1000 mm
476	SM-00ch	500x500x1000 mm	527	SM-00ch	500x500x1000 mm
477	SM-00ch	500x500x1000 mm	528	SM-00ch	500x500x1000 mm
478	SM-00ch	500x500x1000 mm	529	SM-00ch	500x500x1000 mm
479	SM-00ch	500x500x1000 mm	530	SM-00ch	500x500x1000 mm
480	SM-00ch	500x500x1000 mm	531	SM-00ch	500x500x1000 mm
481	SM-00ch	500x500x1000 mm	532	SM-00ch	500x500x1000 mm
482	SM-00ch	500x500x1000 mm	533	SM-00ch	500x500x1000 mm
483	SM-00ch	500x500x1